

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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9 A R A N O 2 12 10 0 0 0 0 0 0 0 0 0 13 14 11 11 11 14 15
LICENSEE CODE LICENSE NUMBER LICENSE TYPE 30 57 CAT 58
1 0 1 1
7 8
REPORT 1 L 16 10 5 0 0 0 3 6 8 17 10 5 2 0 8 2 18 10 5 2 5 8 4 19
SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

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0	2
On 5/20/82 while in Mode 1 operation at 100% full power, 2CV-1075, discharge control valve from Emergency	
0	3
Feedwater Pump (EFP) 2P-7B to the 'B' Steam Generator, was taken out of service for maintenance after	
0	4
discovery of a leak in the hydraulic system for the actuator. The equipment required for the redundant flow	
0	5
path was proved operable. This occurrence is reportable per I.S. 6.9.1.9.b. Similar occurrences were	
0	6
reported in LER's 50-368/81-032, 79-092, 79-090, 79-088 and 79-043.	

SYSTEM	CAUSE	CAUSE
07		
08		

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		COMP SUBCODE		VALVE SUBCODE		REVISION NO	
7	8	9	10	11	12	13	14	15	16	17	18	19	20
0	9	H	H	E	B	V	A	L	V	O	P	C	Z
LER/RO		EVENT YEAR		SEQUENTIAL		OCCURRENCE		REPORT		REVISION		NO	
17	REPORT	1	2	1	1	1	1	1	1	1	1	1	1
NUMBER	21	22	23	24	25	26	27	28	29	30	31	32	33

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
<u>1 D</u> 18	<u>1 Z</u> 19	<u>1 Z</u> 20	<u>1 Z</u> 21	<u>1 0</u> <u>1 0</u> <u>1 0</u> <u>1 0</u> 22	<u>1 N</u> 23	<u>1 Y</u> 24	<u>1 A</u> 25	<u>1 W</u> <u>1 1</u> <u>1 2</u> <u>1 7</u> 26
33	34	35	36	37 40	41	42	43	44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

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1 0 | The root cause of the occurrence could not be determined. Investigation revealed that the hydraulic system

1 1 | pump and pump motor had failed. The control block, hydraulic pump and pump motor were replaced. The

1 2 | hydraulic system leak was repaired, and normal 'set-up' adjustments were made. The valve was proved

1 3 | operable and returned to service. Because of continual maintenance problems, this Weston-Hydraulic valve

1 4 | actuator was replaced with a Limitorque SMB-000-2 460V A.C. motor operator during the 2R3 refueling outage.

7 8 9

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
<u>1</u> <u>5</u> <u>E</u> 28	<u>1</u> <u>0</u> <u>0</u> 29	<u>NA</u>	<u>A</u> 31	<u>Operator Observation</u>
ACTIVITY	CONTENT			

ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	2	34	35	NA	36	
8	9	10	11	44	45	46	80

PERSONNEL EXPOSURES									
NUMBER			TYPE		DESCRIPTION				
1	7	8	0	0	0	37	2	38	NA
			9			11	12	13	

PERSONNEL INJURIES										80	
NUMBER					DESCRIPTION						
1	8	0	0	0	40	NA					
8	9	11	12								141

TYPE		DESCRIPTION	
1	9	2 142 NA	80

[illegible]

NAME OF PREPARER: Patrick Rogers

PHONE: (501) 964-3100

8406050495 840525
PDR ADCK 05000368
S PDR

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ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

May 25, 1984

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Washington, D.C. 20555

Subject: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Licensee Event Report
No. 82-019/03X-1

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 2 Technical Specification 6.9.1.9.b, attached is the subject report concerning failure of discharge control valve (2CV-1075) after discovery of a leak in the hydraulic system for the actuator.

Very truly yours,

John R. Marshall
Manager, Licensing

JRM:RJS:ac

Attachment

cc: Mr. Richard P. Denise, Director
Division of Resident Reactor Projects
and Engineering Programs
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

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